

Title (en)
LASER ENGRAVABLE FLEXOGRAPHIC PRINTING PLATE

Title (de)
LASERGRAVIERBARE FLEXOGRAPHISCHE DRUCKPLATTE

Title (fr)
PLAQUE D'IMPRESSION FLEXOGRAPHIQUE POUVANT ÊTRE GRAVÉE AU LASER

Publication
EP 2295258 A1 20110316 (EN)

Application
EP 09766380 A 20090609

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Abstract (en)
The present invention aims to provide a printing original plate capable of being laser-engraved in which printing deficiency caused by residues is not resulted, resolution is good and printing property is also good. A flexographic printing original plate capable of being laser-engraved which is obtained by subjecting a photosensitive resin composition containing (A) at least one latex having a weight-average degree of gelation of 40% or more, (B) photopolymerizable compound and (C) photopolymerization initiator to irradiation to light followed by cross-linking and curing, wherein the photopolymerizable compound (B) contains the photopolymerizable oligomer and the ethylenic unsaturated monomer in 10 to 25% by weight and 5 to 40% by weight, respectively, to the weight of the photosensitive resin composition and the ethylenic unsaturated monomer comprises 75 to 5% by weight of monofunctional monomer and 25 to 95% by weight of trifunctional monomer.

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CPC (source: EP US)
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